

TECH CENTER 1600/2900

SEP 14 2001

RECEIVED

Sheet 1 of 1

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 C.F.R. §1.98(b))

Attorney Docket No.

01997/525002

Serial No.

09/843,598

Applicant

Horvitz et al.

Filing Date

April 26, 2001

Group

1645

IDS Filed

September 7, 2001

U.S. PATENTS

Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
B. Pun	5,583,008	Dec. 10, 1996	Johnson et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

B. Pun	Blakely et al., "Cloning and Expression of a Functional Serotonin Transporter from Rat Brain," <i>Nature</i> 354:66-70 (1991).
	Choy and Thomas, "Fluoxetine-Resistant Mutants in <i>C. elegans</i> Define a Novel Family of Transmembrane Proteins," <i>Mol. Cell</i> 4:143-152 (1999).
	Corey et al., "A Cocaine-Sensitive <i>Drosophila</i> Serotonin Transporter: Cloning, Expression, and Electrophysiological Characterization," <i>Proc. Natl. Acad. Sci. USA</i> 91:1188-1192 (1994).
	Demchyshyn et al., "Cloning, Expression, and Localization of a Chloride-Facilitated, Cocaine-Sensitive Serotonin Transporter from <i>Drosophila melanogaster</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 91:5158-5162 (1994).
	Desai et al., "A Genetic Pathway for the Development of the <i>Caenorhabditis elegans</i> HSN Motor Neurons," <i>Nature</i> 336:638-646 (1988).
	Horvitz et al., "Serotonin and Octopamine in the Nematode <i>Caenorhabditis elegans</i> ," <i>Science</i> 216:1012-1014, (1982).
	Mendel et al., "Participation of the Protein G _i in Multiple Aspects of Behavior in <i>C. elegans</i> ," <i>Science</i> 267:1652-1655 (1995).
	Ramamoorthy et al., "Antidepressant- and Cocaine-Sensitive Human Serotonin Transporter: Molecular Cloning, Expression, and Chromosomal Localization," <i>Proc. Natl. Acad. Sci. USA</i> 90:2542-2546 (1993).
	Ranganathan and Horvitz, "mod-1 and mod-5, Two Genes Involved in the Serotonin-Mediated Experience-Dependent Modulation of Locomotion," (Abstract) East Coast <i>C. elegans</i> Meeting, Boston, MA, June 6-8, 1998.
	Ranganathan et al., "An Ionotropic Serotonin Receptor and a Serotonin Reuptake Transporter Are Involved in Experience-Dependent Modulation of Behavior," (Abstract) Twelfth International <i>C. elegans</i> Meeting, Madison, WI, June 2-6, 1999.
	Ranganathan et al., "MOD-1 is a Serotonin-Gated Chloride Channel that Modulates Locomotory Behaviour in <i>C. elegans</i> ," <i>Nature</i> 408:470-475 (2000).
	Sawin, "Genetic and Cellular Analysis of Modulated Behaviors in <i>Caenorhabditis elegans</i> ," Massachusetts Institute of Technology, (Ph.D. Thesis) (1996).

EXAMINER

B. Pun

DATE CONSIDERED

10/17/01

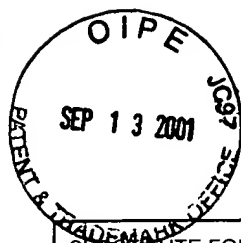
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.

RECEIVED

SEP 14 2001

TECH CENTER 1600/2900

Sheet 2 of 2

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 C.F.R. §1.98(b))

Attorney Docket No.	01997/525002
Serial No.	09/843,598
Applicant	Horvitz et al.
Filing Date	April 26, 2001
Group	1645
IDS Filed	September 7, 2001

U.S. PATENTS

Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)

B. Puri	Sawin <i>et al.</i> , "C. elegans Locomotory Rate Is Modulated by the Environment through a Dopaminergic Pathway and by Experience through a Serotonergic Pathway," <i>Neuron</i> 26:619-631, (2000).
↓	Ségalat <i>et al.</i> , "Modulation of Serotonin-Controlled Behaviors by G. in <i>Caenorhabditis elegans</i> ," <i>Science</i> 267:1648-1651 (1995).
↓	Weinshenker <i>et al.</i> , "Genetic and Pharmacological Analysis of Neurotransmitters Controlling Egg Laying in C. elegans," <i>J. Neurosci.</i> 15:6975-6985 (1995).

EXAMINER

Beena Puri

DATE CONSIDERED

10/17/01

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.